

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.  
1818.1009-009APPLICATION NO.  
10/045,603INFORMATION DISCLOSURE CITATION  
IN AN APPLICATIONAPPLICANT  
Jonathan S. Stamler, et al.

October 29, 2002

FILING DATE  
October 23, 2001CONFIRMATION NO.  
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(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
AA		5,380,758	01/10/95	Stamler, et al.
AB		5,405,919	04/11/95	Keefer, et al.
AC		4,900,719	02/13/90	Means, et al.
AD		5,593,876	01/14/97	Stamler, et al.
AE		5,480,866	01/02/96	Bonaventura, et al.
AF		5,427,797	06/27/95	Frostell, et al.
AG		5,574,068	11/12/96	Stamler, et al.
AH		6,197,745	03/06/01	Stamler, et al.
AI		6,291,424	09/18/01	Stamler, et al.

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL		WO 96/16645	06-Jun-96	PCT			
AM		WO 96/15797	30-May-96	PCT			
AN		WO 96/17604	13-Jun-96	PCT			
AO		WO 93/09806	27-May-93	PCT			
AP		WO 93/12068	24-Jun-93	PCT			
AQ		EP 0604143	29-Jun-94	EPO			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Stamler, J. et al., "S-Nitrosylation of Proteins with Nitric Oxide: Synthesis and Characterization of Biologically Active Compounds," Proc. Natl. Acad. Sci. USA, 89:444-448 (1992)
AS	Langford, E.J. et al., "Inhibition of Platelet Activity by S-Nitrosoglutathione During Coronary Angioplasty," The Lancet, 344:1458-1460 (1994)
AT	Ribeiro, J.M.C. et al., "Reversible Binding of Nitric Oxide by a Salivary Heme Protein from a Bloodsucking Insect," Science, 260:539-541 (1993)

EXAMINER

DATE CONSIDERED

11/12/04

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL2	WO 94/22499	13-Oct-94	PCT			
AM2	WO 94/22482	13-Oct-94	PCT			
AN2	WO 94/22306	13-Oct-94	PCT			
AO2	WO 96/30006	03-Oct-96	PCT			
AP2	WO 97/10265	20-Mar-97	PCT			
AQ2	WO 98/34955	13-AUG-98	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	Olsen, S.B. et al. "Enhancement of Platelet Deposition by Cross-Linked Hemoglobin in a Rat Carotid Endarterectomy Model," <i>Circulation</i> , 93 (2):327-332 (1996)
AV	Scharfstein, J. et al., "In Vivo Transfer of Nitric Oxide Between a Plasma Protein-Bound Reservoir and Low Molecular Weight Thiols," <i>J. Clin. Invest.</i> , 94:1432-1439 (1994)
AW	Charache, S. et al., "Evaluation of Extracorporeal Alkylation of Red Cells as a Potential Treatment for Sickle Cell Anemia," <i>Blood</i> , 47(3):481-488 (1976)
AX	Kosaka, H. et al., "ESR Spectral Transition by Arteriovenous Cycle in Nitric Oxide Hemoglobin of Cytokine-Treated Rats," <i>Am. J. Physiol.</i> , 266(5):1400-1405 (1994)
AY	Doyle, M.P. et al., "Structural Effects in Alkyl Nitrite Oxidation of Human Hemoglobin," <i>J. Biol. Chem.</i> , 259(1):80-87 (1984)
AZ	Greenburg, A.G. and Kim, H.W., "Nitrosyl Hemoglobin Formation In-Vivo After Intravenous Administration of a Hemoglobin-Based Oxygen Carrier in Endotoxemic Rats," <i>Artif. Cells, Blood Substitutes, Immobilization Biotechnol.</i> , 23(3):271-276 (1995)
AR2	Stamler, J.S., "Redox Signaling: Nitrosylation and Related Target Interactions of Nitric Oxide," <i>Cell</i> , 78:931-936 (1994)

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AS2	Arnelle, D.R. and Stamler J.S., "NO <sup>+</sup> , NO <sup>•</sup> , and NO <sup>-</sup> Donation by S-Nitrosothiols: Implications for Regulation of Physiological Functions by S-Nitrosylation and Acceleration of Disulfide Formation," Arch. of Biochem. and Biophys., 318(2): 279-285 (1995)
AT2	Kondo, T. et al., "Thiol Transport from Human Red Blood Cells," Methods in Enzymology, 252:72-82 (1995)
AU2	Feelisch, M. and Stamler J.S., "Donors of Nitrogen Oxides," Methods In Nitric Oxide Research," John Wiley & Sons Ltd. (1996)
AV2	Stamler, J.S. and Feelisch, M., "Preparation and Detection of S-Nitrosothiols," Methods in Nitric Oxide Research, John Wiley & Sons Ltd. (1996)
AW2	Clancy, R.M. et al., "Nitric Oxide Reacts with Intracellular Glutathione and Activates the Hexose Monophosphate Shunt in Human Neutrophils: Evidence for S-Nitrosogluthathione as a Bioactive Intermediary," Proc. Natl. Acad. Sci. USA, 91:3680-3684 (1994)
AX2	Ignarro, L.J. et al., "Mechanism of Vascular Smooth Muscle Relaxation by Organic Nitrates, Nitrites, Nitroprusside and Nitric Oxide: Evidence for the Involvement of S-Nitrosothiols as Active Intermediates," The Journal of Pharmacology and Experimental Therapeutics, 218(3):739-749 (1981)
AY2	Simon, D.I. et al., "Effect of Nitric Oxide Synthase Inhibition on Bleeding Time in Humans," Journal of Cardiovascular Pharmacology, 26:339-342 (1995)
AZ2	Kumura, E. et al., "Nitrosyl Hemoglobin Production During Reperfusion After Focal Cerebral Ischemia In Rats," Neuroscience Letters, 177:165-167 (1994)

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			NOV 19 2002
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AS3	Jia, L. et al., "S-Nitrosohaemoglobin: A Dynamic Activity of Blood Involved in Vascular Control," <i>Nature</i> , 380: 221-226 (1996)
AS3	Shiga, T. et al., "Electron Paramagnetic Resonance Studies of Nitric Oxide Hemoglobin Derivatives: I. Human Hemoglobin Subunits," <i>Biochemistry</i> , 8:378-383 (1969)
AT3	Garel, M-C. et al., "Binding of 21 Thiol Reagents to Human Hemoglobin in Solution and in Intact Cells," <i>Eur. J. Biochem.</i> , 123:513-519 (1982)
AU3	Garel, M-C. et al., "Covalent Binding of Gluthathione to Hemoglobin: I. Inhibition of Hemoglobin S Polymerization," <i>J. of Biol. Chem.</i> , 261(31): 14704-14709 (1986)
AV3	Wennmalm, Å. et al., "Dependence of the Metabolism of Nitric Oxide (NO) in Healthy Human Whole Blood on the Oxygenation of Its Red Cell Haemoglobin," <i>Br. J. Pharmacol.</i> , 106:507-508 (1992)
AW3	Kruszyna, H. et al., "Red Blood Cells Generate Nitric Oxide From Directly Acting, Nitrogenous Vasodilators," <i>Toxicology and Applied Pharmacology</i> , 91:429-438 (1987)
AX3	Pietraforte, D. et al., "Role of Thiols in the Targeting of S-Nitroso Thiols to Red Blood Cells," <i>Biochem.</i> 34:7177-7185 (1995)
AY3	Stamler, J.S. et al., "Blood Flow Regulation by S-Nitrosohemoglobin in the Physiological Oxygen Gradient," <i>Science</i> , 276:2034-2037 (1997).
AZ3	Moya, M.P. et al., "S-Nitrosothiol Repletion by an Inhaled Gas Regulates Pulmonary Function," <i>PNAS</i> , 98(10):5792-5797 (2001).
AR4	Pawloski, J.R. et al., "Export by Red Blood Cells of Nitric Oxide Bioactivity," <i>Nature</i> , 409:622-626 (2001).

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